	. • . •					MODIFIED PTO/SB/08 A	& B (06-03)		
Cont	stitute for Form 144	0 A & P/P/TO			Complete if Known				
340	SHULE IOF FORM 144	ARBITO			Application Number	10/663,749			
1/	OANFOI	RMATION	DISCLOS	SURE	Confirmation Number	5604			
K		EMENT BY			Filing Date	September 17, 2003			
<b>B</b> 4	to T				First Named Inventor	TANABE, Tadashi			
*		as many sheets	s as necessa	(עיזו	Art Unit	1644			
	m 81	•			Examiner Name	Kim, Y.			
16	Sheet /	1	of	2	Attorney Docket Number	Q77569			
_4	COFFID .								

U.S. PATENT DOCUMENTS							
Poster	Cite	Document Nu	mber	Publication Date MM-DD-YYYY			
Examiner Initials*	No.1	Number	Kind Code <sup>1</sup> (if known)		Name of Patentee or Applicant of Cited Document		
		US					

FOREIGN PATENT DOCUMENTS									
Examiner	Cite	Foreign Patent Document			Publication Date	Name of Patentee or			
Initials*	No.1	Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation*		
				T	_				

		NON PATENT LITERATURE DOCUMENTS							
Examiner Cite Initials* No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.							
. 1-/		Weksler, Heparin and Acidic Fibroblast Growth Factor Interact to Decrease Prostacyclin Synthesis in							
UN-		Human Endothelial Cells by Affecting Both Prostaglandin H Synthase and Prostacyclin Synthase; J. Cell. Physiol., 142(3):514-522 (1990)							
		Hara et al., Isolation and Molecular Cloning of Prostacyclin Synthase from Bovine Endothelial Cells, J. Biol. Chem. 269:19897-19903 (1994)							
		Smith et al., Bimodal Distribution of the Prostaglandin I <sub>2</sub> Synthase Antigen in Smooth Muscle Cells, J. Biol. Chem., 258(9):5922-5926 (1983)							
		Smith et al., Purification, Quantitation, and Localization of PGI <sub>2</sub> Synthase Using Monoclonal Antibodies, Adv Prostaglandin Thromboxane Leukot Res. 11:87-92 (1983)							
		S. Moncada, Eighth Gaddum Memorial Lecture. University of London Institute of Education, December 1980. Biological importance of prostacyclin. <i>Br J Pharmacol</i> . 76(1):3-31 (1982).							
		Gorman et al., Agonist-Specific Desensitization of PGl <sub>2</sub> -Stimulated Cyclic AMP Accumulation by PGE <sub>1</sub> In Human Foreskin Fibroblasts, <i>Prostaglandins</i> , 19(1):2-16 (1980).							
		Cytochrome P-450, Biochemistry, Biophysics and Environmental Implications, Proceedings of the 4 <sup>th</sup> International Conference on Cytochrome P-450 held in Kuopio, Finland, May 31-June 3, 1992, E. Hietanen et al., eds., pp. 103-106, 1982.							
		DeWitt et al., Purification of Prostacyclin Synthase from Bovine Aorta By Immunoaffinity Chromatography, J. Biol. Chem., 258(5):3285-93 (1983).							
		M. Inoue, Molecular Characterization of the Prostacyclin Synthase, Adv Prostaglandin Thromboxane Leukot Res. 17A:29-33 (1987).							
		Pereira et al., Bovine Prostacyclin Synthase: Purification and Isolation of Partial cDNA, Biochem. Biophys. Res. Comm. 197(3):1041-1048 (1993)							
Ĭ,		T. Shimizu, Structure-function relationships of membrane-bound heme-enzyme, cytochrome P450, Institute for Chemical Reaction Science, Tohoku University, pp. 10-15, 1992							
M	_	Salmon et al., Preparation and Assay of Prostacyclin Synthase, Methods in Enzymology, 86:91-99 (1982)							

Examiner Signature	us-	Date Considered	1/26/06
	7		

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>3</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>4</sup> Applicant is to indicate here if English language Translation is attached.

Substitute for Form 14	49 A & B/PTO			Complete if Known		
				Application Number	10/663,749	
<u>INFO</u>	<u>RMATION I</u>	DISCLO	<u>SURE</u>	Confirmation Number	5604	
STATEMENT BY APPLICANT				Filing Date	September 17, 2003	
				First Named Inventor	TANABE, Tadashi	
(us	e as many sheets	as necessa	iry)	Art Unit	1644	
				Examiner Name	Kim, Y.	
Sheet	2	of	2	Attorney Docket Number	Q77569	

The trap of

U.S. PATENT DOCUMENTS							
		Document N	lumber				
Examiner Initials*	Cite No. <sup>1</sup>	Number	Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		
		US					

			F	OREIGN PA	TENT DOCUMEN	NTS	
Examiner	Cite	For	reign Patent Docu	ment	Publication Date	Name of Patentee or	
Initials*	No.1	Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation*

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
CK		Tanabe et al., Molecular Cloning of Prostacyclin Synthase From Bovine Endothelial Cells, in Eicosandoids & Other BioActive Lipids in Cancer, Inflammation and Radiation Injury, 3 <sup>rd</sup> Int'l Conf., Georgetown Conference Center, Washington D.C., pp 137, Oct. 13-16, 1993	
		Tanabe et al., Advances in Prostaglandin, Thromboxany and Leukotriene Research, Vol. 23, 1995, pp. 133-135	
·		Govindarajan et al, Immunohistochemical distribution of renal prostaglandin endoperoxide synthase and prostacyclin synthase: diminished endoperoxide synthase in the hepatorenal syndrome.  Hepatology 7(4):654-659 (1987)	
		Keirse et al., Does or can human placenta produce prostacyclin? Placenta 7(1):37-42 (1986)	
		Siegle et al, Characterization of monoclonal antibodies generated against bovine and porcine prostacyclin synthase and quantitation of bovine prostacyclin synthase, FEBS Lett. 347(2-3):221-5 (1994)	
		Dewitt et al., Monoclonal antibodies against PGI2 synthase: an immunoradiometric assay for quantitating the enzyme. <i>Methods Enzymol</i> . 86:240-246 (1982)	
	<del> </del>	Moonen et al., Immunohistochemical localisation of prostaglandin endoperoxide synthase and prostacyclin synthase in pregnant human myometrium. Eur J Obstet Gynecol Reprod Biol. 19(3):151-158 (1985)	
		Harlow et al, Antibodies a Laboratory Manual, Cold Spring Harbor Laboratories, 1989, Chap. 8, pp. 283-318	
		Satoh et al., Role of prostaglandins in pregnancy-induced hypertension, Am. J. Kidney, 17(2):133-138 (1991)	
		Gryglewski et al., Prostacyclin and Vascular Disease, Philos. Trans. R. Soc. Lond. B. Biol. Sci., 294(1072):383-388 (1981)	
m.		Pereira et al., Molecular Cloning and Characterization of Bovine Prostacyclin Synthase, Biochem. Biophys. Res. Commun. 203(1):59-65 (1994)	
	<del></del>	·	

Examiner Signature	gar	Date Considered	926/06
-			

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>2</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.